

* Turn in Crab-Walk lab!

1. Write favorite career from the activity and reason why it is your favorite.
2. Write definition of "force."
3. Write 10 scenarios where 'forces' are happening.
4. Write any questions about forces on the whiteboard in the front.

· Newton's Second Law:

$$\text{Net Force} = (\text{mass})(\text{acceleration})$$

↳ sum of forces in a direction

$$\sum \vec{F} = m\vec{a}$$

Greek
capital
sigma
"sum of"

$$y = mx + b$$

Units Newtons = (kg)(m/s²)
 (N)

$$F = \frac{G m_1 m_2}{r^2}$$

$G = \text{constant}$

